MITSUBISHI ELECTRIC
Heating and Cooling

Submittal Data: PEFY-P30NMAU-E5

30,000 BTU/H Medium Static Ceiling-Concealed Ducted

CITY MULTI

Job Name:	Location:	
Schedule Reference:	Submitted By:	
Submitted To:	Reference: ☐ Approval: ☐ Construction: ☐	
Engineer:	Date:	Application:

Images provided for reference purposes only

- Designed specifically for use with CITY MULTI outdoor units
- Choice of three fan speeds for optimum comfort
- Built-in condensate lift; lifts to 27-9/16" (700mm)
- 9-7/8" (250mm) high for low ceiling heights
- Highly efficient DC motor
- Dual setpoint functionality [7]
- IT Terminal (CN105)

Rated Capacity: (Cooling / Heating capacity indicated at the maximum value at operation under the following conditions Note: [1, 2])		
Cooling [1]	Btu/h	30,000
Heating [2]	Btu/h	34,000
Specifications:		
Power Supply		208/230V, 1Ph, 60Hz
Minimum Circuit Ampacity (MCA) [3]	A	4.25
Maximum Fuse/Breaker Size	A	15
Fan Type x Quantity		Sirocco fan x 3
Motor Type x Quantity		DC motor x 1
Airflow Rate	CFM	883 - 1,077 - 1,271
External Static Pressure (Selectable)	In. WG	<0.14> - 0.20 - <0.28> - <0.40> - <0.60>
Sound Pressure Level (measured in anechoic room)	dB(A)	35-39-43
Drain Pipe Size	In. (mm)	O.D.1-1/4 (32)
External Finish		Galvanized steel plate
Coil Type		Cross fin (Aluminum fin and copper tube)
Air Filter		PP honeycomb fabric.
Unit Dimensions	H: In. (mm)	9-7/8 (250)
	W: In. (mm)	55-1/8 (1,400)
	D: In. (mm)	28-7/8 (732)
Net Weight	Lbs. (kg)	84 (38)
Refrigerant Pipe Diameter (gas) (Brazed)	In. (mm)	5/8 (15.88)
Refrigerant Pipe Diameter (liquid) (Brazed)	In. (mm)	3/8 (9.52)

Model No.	**Description: (Optional Accessories)**
PAC-YU25HT ☐	External Heater Adapter
FBM2-4-A ☐	Filter Box and Filter(s) (MERV13)
PAC-KE94TB-E ☐	Filter Box

Notes:

Note:

1. Cooling (Indoor // Outdoor) 80°F (26.7°C) DB, 67°F (19.4°C) WB // 95°F (35°C) DB

2. Heating (Indoor // Outdoor) 70°F (21.1°C) DB // 47°F (8.3°C) DB, 43°F (6.1°C) WB

3. All electrical work shall comply with National (CEC) and local codes and regulations.

4. Ventilation air to be introduced independent of or in series with VRF indoor units. Please refer to local codes for the required ventilation rates specific to the application.

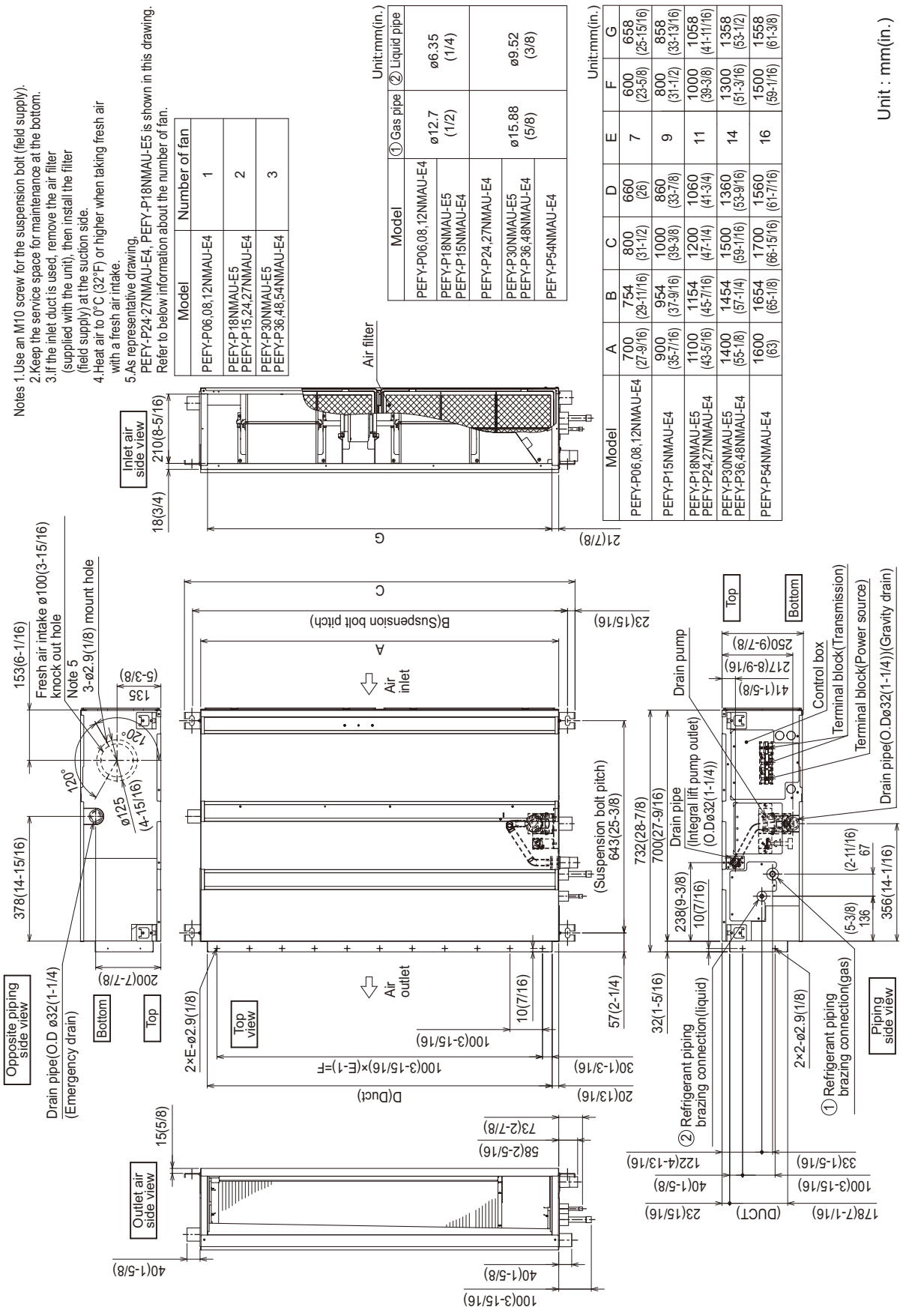
5. Applications should be restricted to comfort heating and cooling only; process/equipment heating and cooling applications are not recommended.

6. Mitsubishi Electric Sales Canada Inc. (MESCA) supports the use of only MESCA supplied and approved components and accessories for proper functioning of the unit(s). Always consult relevant technical product documentation at mitsubishitechinfo.ca, your local distributor or MESCA BC sales office as applicable. Use of non - MESCA supported components and accessories will affect warranty coverage. MESCA recommends (A) consideration of all applicable design and application parameters and requirements specific to any project; and (B) implementation of any countermeasures needed to address those parameters and requirements, including the provision of antifreeze solution in water based systems used in conjunction with ducted indoor units.

7. All components of the system must be compatible. For more details on system control compatibility, please refer to Technical Bulletin 100-151 available on our website.

8. Should any person change this document in any manner whatsoever without MESCA's written permission, the document shall be of no force and effect and any change shall be deemed to be a representation and warranty made by that person and not MESCA. That person, and not MESCA, shall assume full responsibility for the consequences of such changes. MESCA assumes no responsibility for any consequences in such cases.

Indoor Unit Outline and Dimensions:



Unit:mm(in.)

Model	A	B	C	D	E	F	G
PEFY-P06,08,12NMAU-E4	700 (27-9/16)	754 (29-11/16)	800 (31-1/2)	660 (26)	7	600 (23-5/8)	658 (25-15/16)
PEFY-P15NMAU-E4	900 (35-7/16)	954 (37-9/16)	1000 (39-3/8)	860 (33-7/8)	9	800 (31-1/2)	858 (33-13/16)
PEFY-P18NMAU-E5 PEFY-P24,27NMAU-E4	1100 (43-5/16)	1154 (45-7/16)	1200 (47-1/4)	1060 (41-3/4)	11	1000 (39-3/8)	1058 (41-11/16)
PEFY-P30NMAU-E5 PEFY-P36,48NMAU-E4	1400 (55-1/8)	1454 (57-1/4)	1500 (59-1/16)	1360 (53-9/16)	14	1300 (51-3/16)	1358 (53-1/2)
PEFY-P54NMAU-E4	1600 (63)	1654 (65-1/8)	1700 (66-15/16)	1560 (61-7/16)	16	1500 (59-1/16)	1558 (61-3/8)

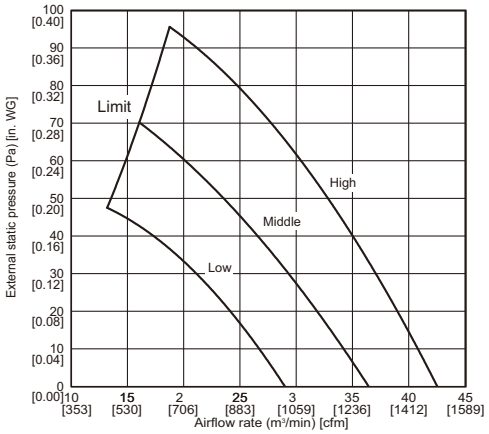
Unit:mm(in.)

Model	① Gas pipe	② Liquid pipe
PEFY-P06,08,12NMAU-E4	ø12.7 (1/2)	ø6.35 (1/4)
PEFY-P18NMAU-E5 PEFY-P15NMAU-E4		
PEFY-P24,27NMAU-E4	ø15.88 (5/8)	ø9.52 (3/8)
PEFY-P30NMAU-E5 PEFY-P36,48NMAU-E4		
PEFY-P54NMAU-E4		

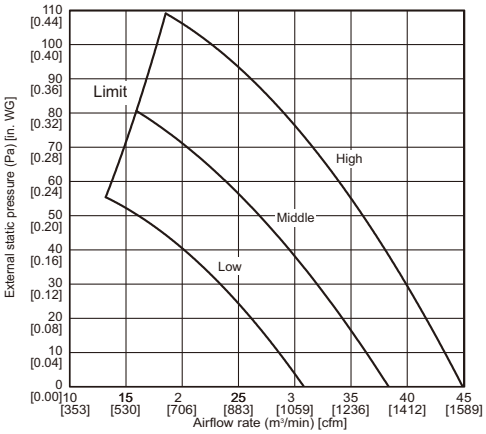
Model	Number of fan
PEFY-P06,08,12NMAU-E4	1
PEFY-P18NMAU-E5 PEFY-P15,24,27NMAU-E4	2
PEFY-P30NMAU-E5 PEFY-P36,48,54NMAU-E4	3

Fan Characteristics Curves:

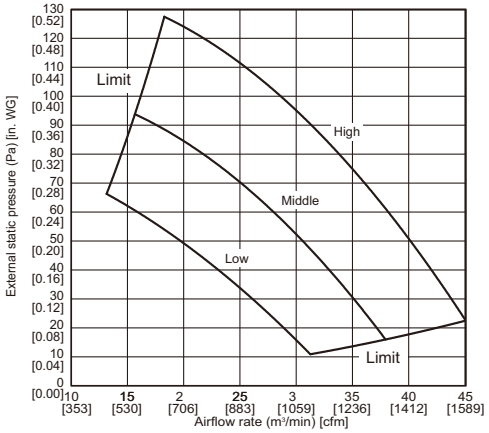
PEFY-P36NMAU-E4, PEFY-P30NMAU-E5
External static pressure : 35Pa [0.14in.WG]
Power source : 208-230V



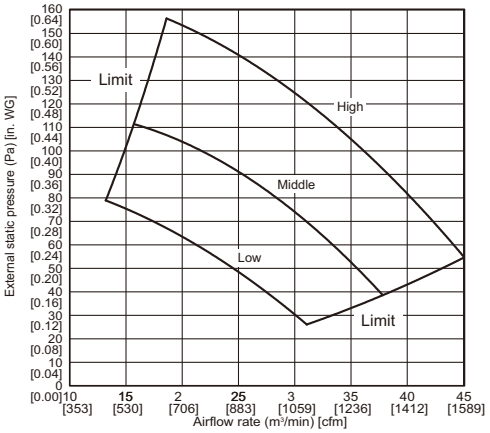
PEFY-P36NMAU-E4, PEFY-P30NMAU-E5
External static pressure : 50Pa [0.20in.WG]
Power source : 208-230V



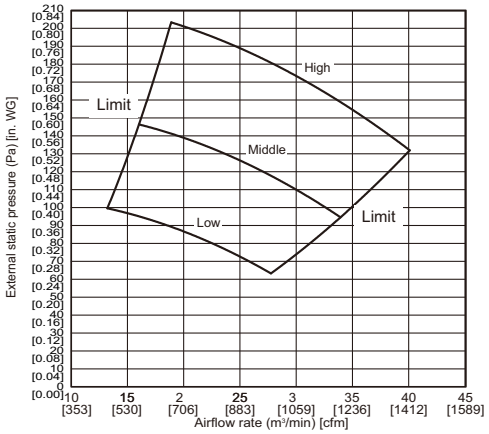
PEFY-P36NMAU-E4, PEFY-P30NMAU-E5
External static pressure : 70Pa [0.28in.WG]
Power source : 208-230V



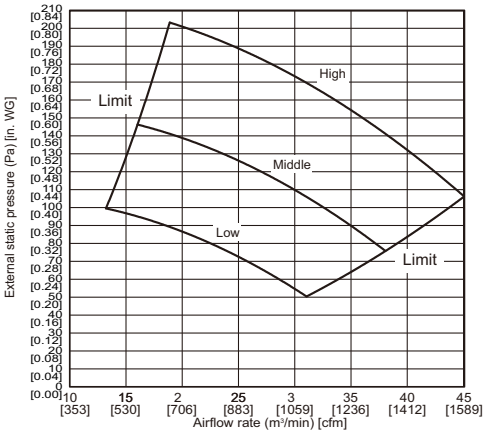
PEFY-P36NMAU-E4, PEFY-P30NMAU-E5
External static pressure : 100Pa [0.40in.WG]
Power source : 208-230V



PEFY-P36NMAU-E4, PEFY-P30NMAU-E5
External static pressure : 150Pa [0.60in.WG]
Power source : 208V



PEFY-P36NMAU-E4, PEFY-P30NMAU-E5
External static pressure : 150Pa [0.60in.WG]
Power source : 230V



Note: MERV13 filter Box & Filter is not reflected in these displayed curves, reference Form # SB_FBM2-Series_Filter_Boxes for full details.